APPROVED BY

Title 18 !! S.C. Section 1001

## UNITED STATES

SUBMIT IN TRIPLICATE. (Other instructions on

FORM APPROVED OMB NO. 1004-0136

Expires: February 28, 1995 DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT U-24230 6. IF INDIAN, ALLOTTER OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL OR DEEPEN UTE TRIBAL LAND 1a. TYPE OF WORK DRILL X 7. UNIT AGREEMENT NAME DEEPEN [ b. TYPE OF WELL WELL SINGLE ZONE MULTIPLE ZONE WELL X 8. FARM OR LEASE NAME, WELL NO. OTHER 2. NAME OF OPERATOR EOG RESOURCES, INC. 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. NORTH DUCK CREEK 104 (435)789 - 0790P.O. BOX 1815, VERNAL, UTAH 84078 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) 4438322 N 660' FSL & 1950' FWL 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SW 619461 E At proposed prod. zone Sec. 30, T8S,R21E 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH | 13. STATE 4.3 MILES SOUTHEAST OF OURAY, UTAH UINTAH UTAH 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig, unit line, if any) 16. NO. OF ACRES IN LEARE 17. NO. OF ACRES ASSIGNED TO THIS WELL 1556 18. DISTANCE FROM PROPOSED LOCATION®
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 7400' ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START\* 4672 FEET GRADED GROUND NOVEMBER 1999 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE GRADE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 11" 5/8" 24# 200-220' 8 100-150 SX CLASS "G" + 2% 5/8" 1/4" 32.30# 200-220' or  $CaCl_2 + 1/4 \#/SX CELLOFLAKE.$ 7/8" 10.50# 7400' 50/50 POZMIX + 2% GEL + 10% CONFIDENTIA SALT TO 400' ABOVE ALL ZONES SEE ATTACHMENTS FOR: OF INTEREST (+10% EXCESS). LIGHT CEMENT (11 PPG ) + 8 POINT PLAN LCM TO 200' ABOVE OIL SHALE BOP SCHEMATIC OR FRESH WATER INTERVALS SURFACE USE AND OPERATING PLAN (+ 5% EXCESS). LOCATION PLAT LOCATION LAYOUT TOPOGRAPHIC MAPS "A", "B", AND "C" EOG RESOURCES, INC., WILL BE THE GAS SALES PIPELINE -- MAP "D" DESIGNATED OPERATOR OF THE SUBJECT FACILITY DIAGRAM WELL UNDER NATIONWIDE BOND #NM 2308 UTAH DIVISION OF OIL, GAS, AND MINING pc: MANY IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any DIV. OF DIL, GAS & MINING TITILE AGENT (This space for Federal or State office use) APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

ACTION IN NACESSARY

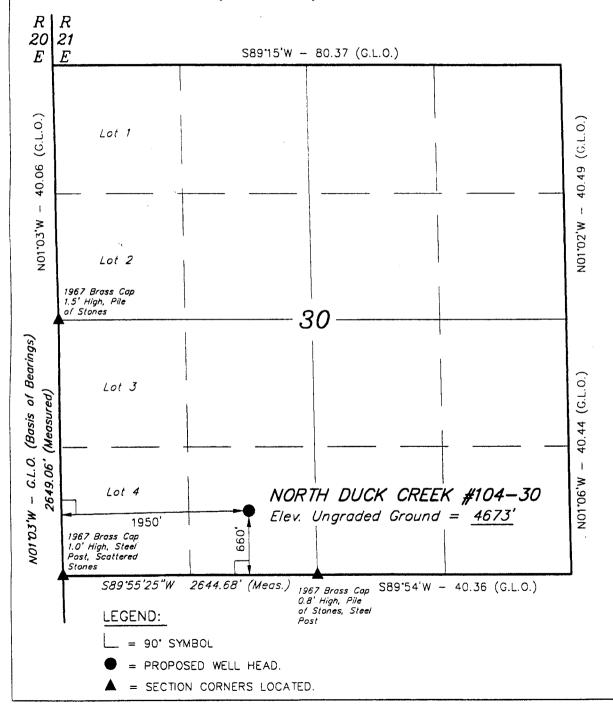
TO DEAD EV C LIII

\*See Instructions On Reverse Side

TITLE

BRADLEY G. HILL **RECLAMATION SPECIALIST III** 

## T8S, R21E, S.L.B.&M.

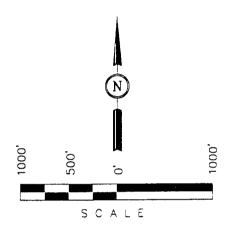


#### ENRON OIL & GAS CO.

Well location, NORTH DUCK CREEK #104-30, located as shown in the SE 1/4 SW 1/4 of Section 30, T8S, R21E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

TRIANGULATION STATION (WHITE) LOCATED IN THE NW 1/4 OF SECTION 30, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4938 FEET.



THIS IS TO CERTIFY THAT THE ABOVE OF WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS DAKE BY ME OR UNDERWAY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BETEFT NO. 161319

RECEITERED LAND SURVEYOR REGISTRATON NO. 161319 AND STATE OF WHITE OF

ENRON OIL & GAS CO.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

WARM

#### EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113

October 15, 1999

Utah Division of Oil, Gas, & Mining 1594 West North Temple Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL NORTH DUCK CREEK 104-30 SE/SW, SEC. 30, T8S, R21E UINTAH COUNTY, UTAH LEASE NO.: U-24230 UTE TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

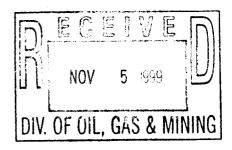
Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120 Fax: (435)789-1420

Sincerely

Agent

EOG Resources, Inc.

Attachments



#### **EIGHT POINT PLAN**

#### NORTH DUCK CREEK 104-30 SE/SW, SEC. 30, T8S, R21E UINTAH COUNTY, UTAH

#### 1. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	2310		
Oil Shale	2310		• 1
"H" Marker	4035	_	NFIDENTIAL
"J" Marker	4850	<i>ι Π</i> ,	MEINEMINI
Base "M" Ma	arker 5380	Pn.	181
Wasatch	5810		
Peters Point	5810	GAS	
Chapita Well	s 6525	GAS	•
Buck Canyor	n 7305	GAS	
EST. TD	7400'	Anticipate	ed BHP 3200 PSI

2. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

#### 3. CASING PROGRAM:

							MINIM	<u>UM SAFET</u>	TY FACTOR
<b>HOLE SIZE</b>	<b>INTERVAL</b>	<b>LENGTH</b>	<b>SIZE</b>	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	<b>COLLA</b>	SE BURST	TENSILE
11	0' - 220'	200' - 220'	8 5/8	24.0 #	J-55	ST&C	1370 PSI	2950 PSI	263,000#
or									
12 1/4	0' - 220'	200' - 220'	9 5/8	32.3 #	H-40	ST&C	1370 PSI	2270 PSI	254,000#
7 7/8	0' - 7400'	7400'	4 1/2	10.5 #	J-55	ST&C	4010 PSI	4790 PSI	146,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

#### **EIGHT POINT PLAN**

#### NORTH DUCK CREEK 104-30 SE/SW, SEC. 30, T8S, R21E UINTAH COUNTY, UTAH

#### 5. MUD PROGRAM

CONFIDENTIAL

**INTERVAL** 

0' - 220'

240' - 4000'

4000' - TD

**MUD TYPE** 

Air

Air/Mist & Aerated Water

Air/3% KCL water or KCL substitute

Lost circulation probable from 1500' to 3000'+/-.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

#### 6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### 7. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express

AIT-GR-SP-CAL

T.D. to base of surface casing

FDC-CNL-GR-Cal-PE

T.D. to 4800'

Cores: None Programmed DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr

will be run in lieu of open hole logs.

#### **EIGHT POINT PLAN**

# NORTH DUCK CREEK 104-30 SE/SW, SEC. 30, T8S, R21E UINTAH COUNTY, UTAH

#### 8. ABNORMAL CONDITIONS:

None anticipated.

#### 9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

#### 3000 PSIG DIAGRAM

ROTATINO

HEAD

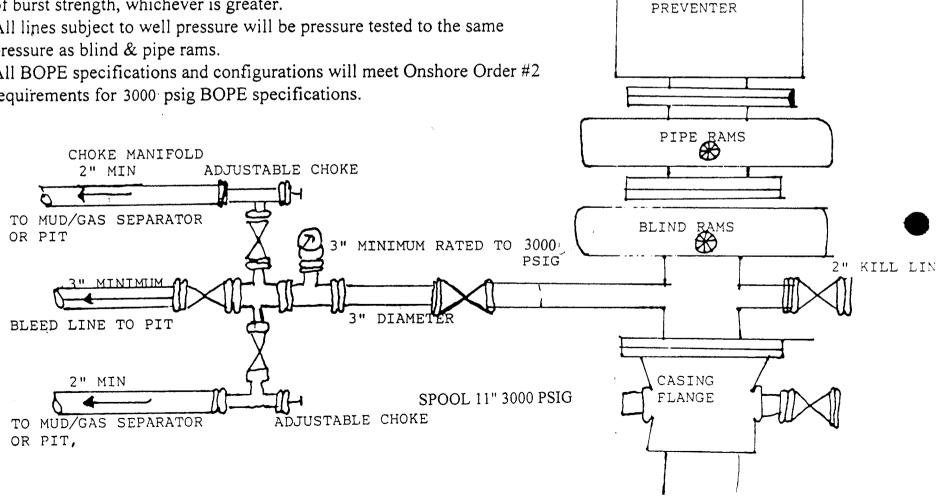
ANNULAR

FLOW LINE

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED. CASING FLANGE IS 11" 3000 PSIG RATED. BOPE 11" 3000 PSIG

#### TESTING PROCEDURE:

- 1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
- 3. Annular preventor will be tested to 50% of working pressure, 1500 psig
- 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



#### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>EOG Resources</u>, Inc.

Well Name & Number: North Duck Creek 104-30

Lease Number: <u>U-24230</u>

Location: 660' FSL & 1950' FWL, SE/SW, Sec. 30, T8S, R21E

S.L.B.&M., Uintah County

Surface Ownership: <u>Ute Indian Tribe</u>

#### NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice well

- within five (5) business days after new

begins or production resumes after well has been off production for more than

ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 4.3 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

#### 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 50 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of

drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

## 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Water wells None
- B. Abandoned wells None
- C. Temporarily abandoned wells None
- D. Disposal wells None
- E. Drilling wells None
- F. Producing wells -3\*
- G. Shut in wells None
- H. Injection wells None

(\*See attached TOPO map "C" for location)

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Tank batteries None
- 2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house, and attached piping.

See attached facility diagram.

- 3. Oil gathering lines None
- 4. Gas gathering lines A 4 ½" gathering line will be buried from dehy to the edge of the location.
- 5. Injection lines None
- 6. Disposal lines None
- 7. Surface pits None

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 41/2" OD steel above ground natural gas pipeline will be laid approximately 2717' from proposed location to a point in the NW/4 of Section 31, T8S, R21E, where it will tie into Questar Pipeline Co.'s

- existing line. Proposed pipeline crosses BIA administered lands, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 4 ½ "OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the North end of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), the BIA will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by Target Trucking Inc..
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Tribal Land.
- C. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

#### On BIA administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Northeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the Northeast side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the West side.

Access to the well pad will be from the South.

N/A Diversion ditch(es) shall be constructed on the
side of the location (above/below) the cut slope, draining to the
N/A Soil compacted earthen berm(s) shall be placed on the
side(s) of the location between the
N/A The drainage(s) shall be diverted around the sides of the well pad
location.
N/A The reserve pit and/or pad locations shall be constructed long and
narrow for topographic reasons .
N/A Corner # will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

#### B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

Access road: <u>Tribal</u> Location: <u>Tribal</u>

#### 12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to

make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

<u>Addi</u>	tional Surface Stipula	<u>tions</u>	
	<del>-</del>	ling activities shall be conduc	ted between
	and	because of	
<u>N/A</u>	No surface occupancy ground.	will be allowed within 1,000	feet of any sage grouse strutting
	sage grouse strutting gr	rounds from April 1 to June 3	
	tanks, springs, and guz	zlers).	t of live water (includes stock
<u>N/A</u>	No cottonwood trees w	vill be removed or damaged.	,
<u>N/A</u>		ed according to BIA specifica ation, as flagged on the onsite	
LES:	SEE'S OR OPERATO	OR'S REPRESENTATIVE A	AND CERTIFICATION
EOG	Resources, Inc.	EOG Resources, Inc.	Ed Trotter
P.O.	Box 250	P.O. Box 1815	P.O. Box 1910
Big F	Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim S	Schaefer	George McBride	Telephone: (435)789-4120
Telep	phone (307)276-3331	Telephone (435)789-0790	Fax: (435)789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

10-20 1999

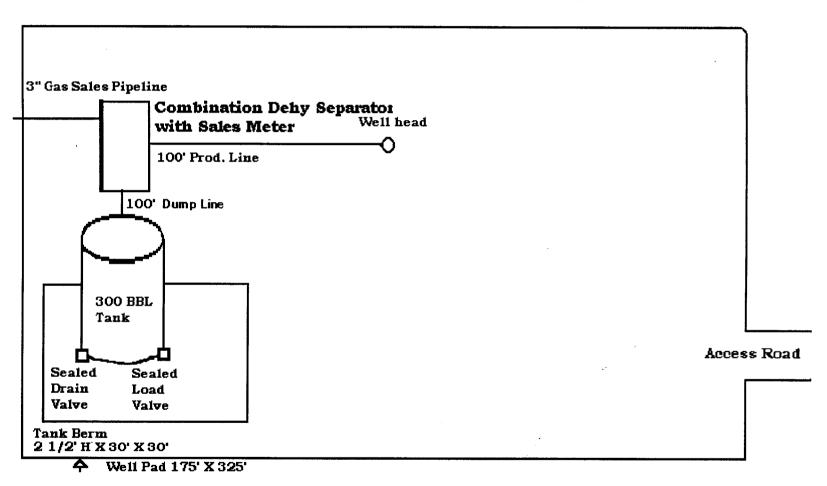
Date

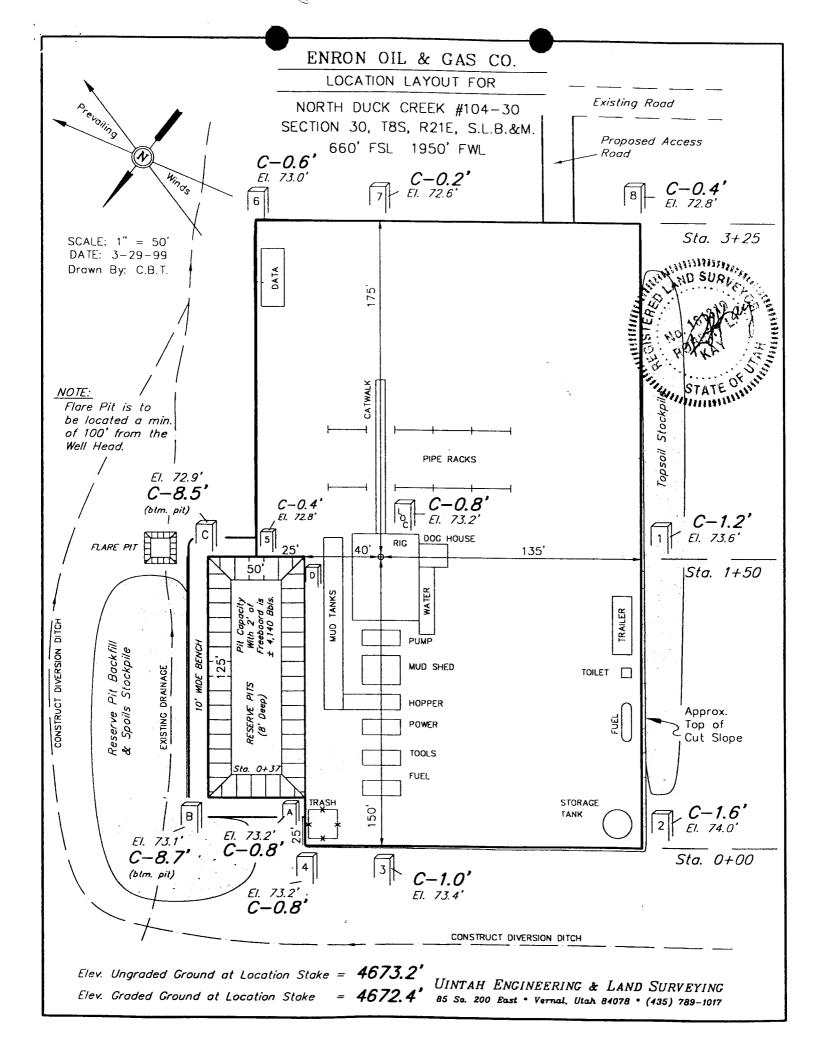
NORTH DUCK CREEK 104-30 D.doc

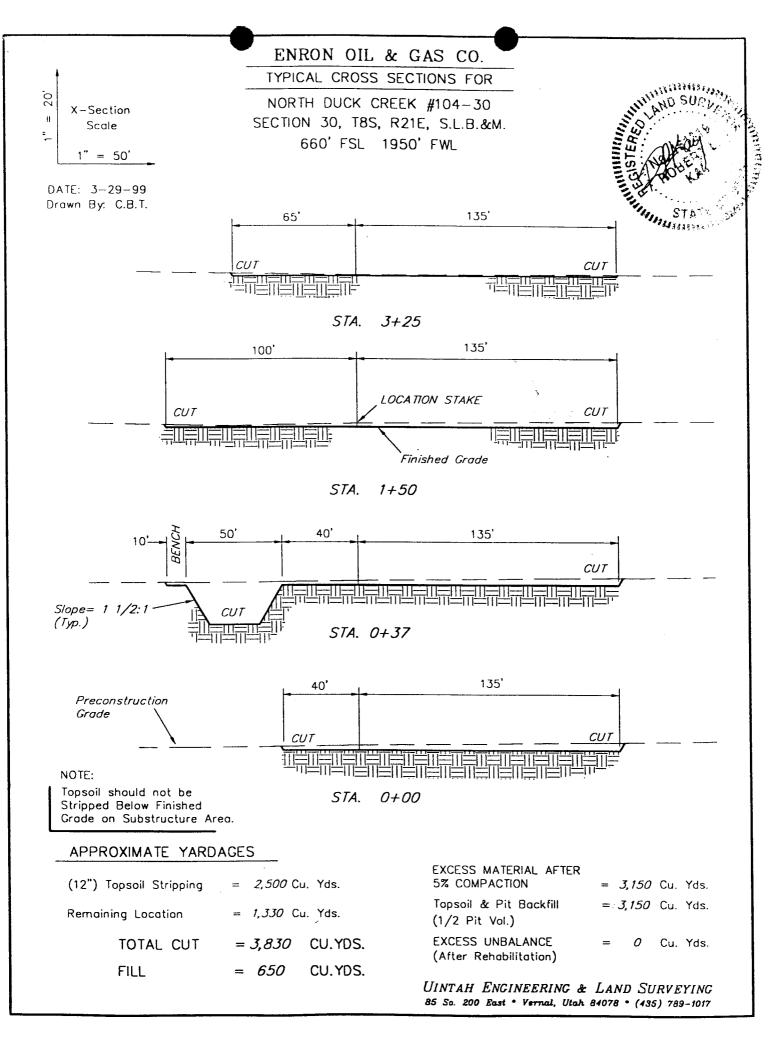
# SITE FACILITY DIAGRAM NORTH DUCK CREEK 104-30 SEC. 30, T8S, R21E, SE/4SW/4 UINTAH COUNTY, UTAH FEDERAL LEASE NO. U-24230

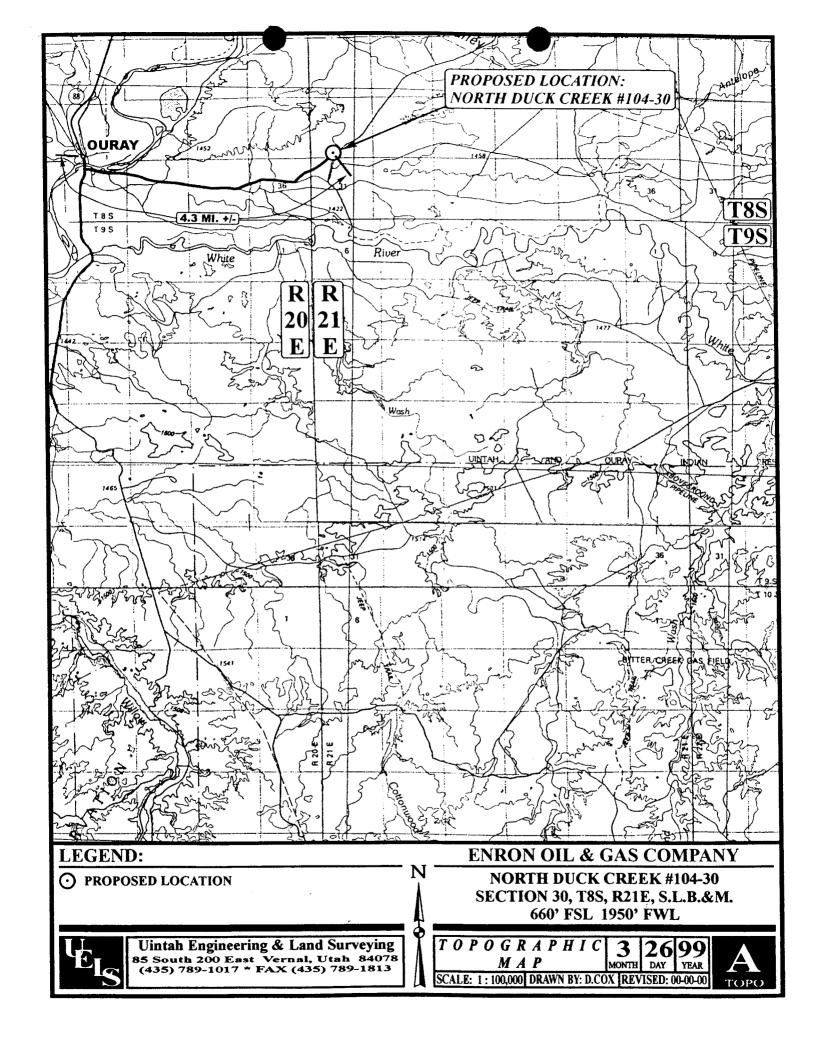


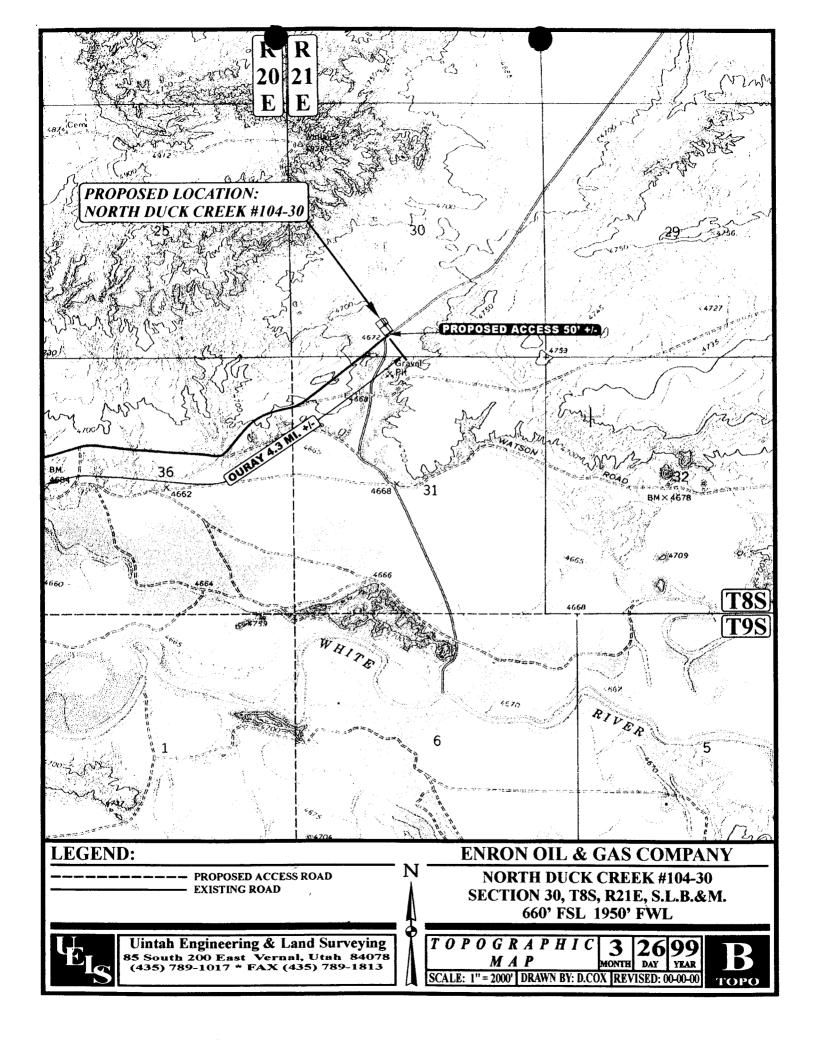
(Site Security Plan is on file at Enron's Vernal Office)

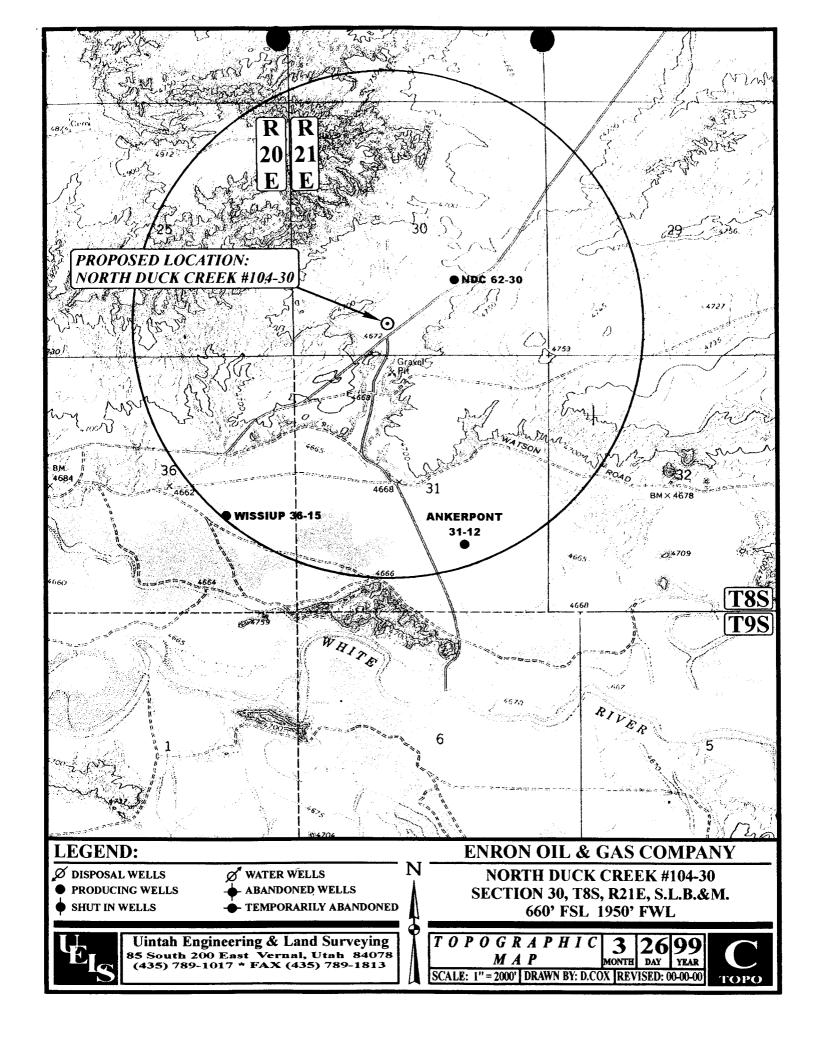


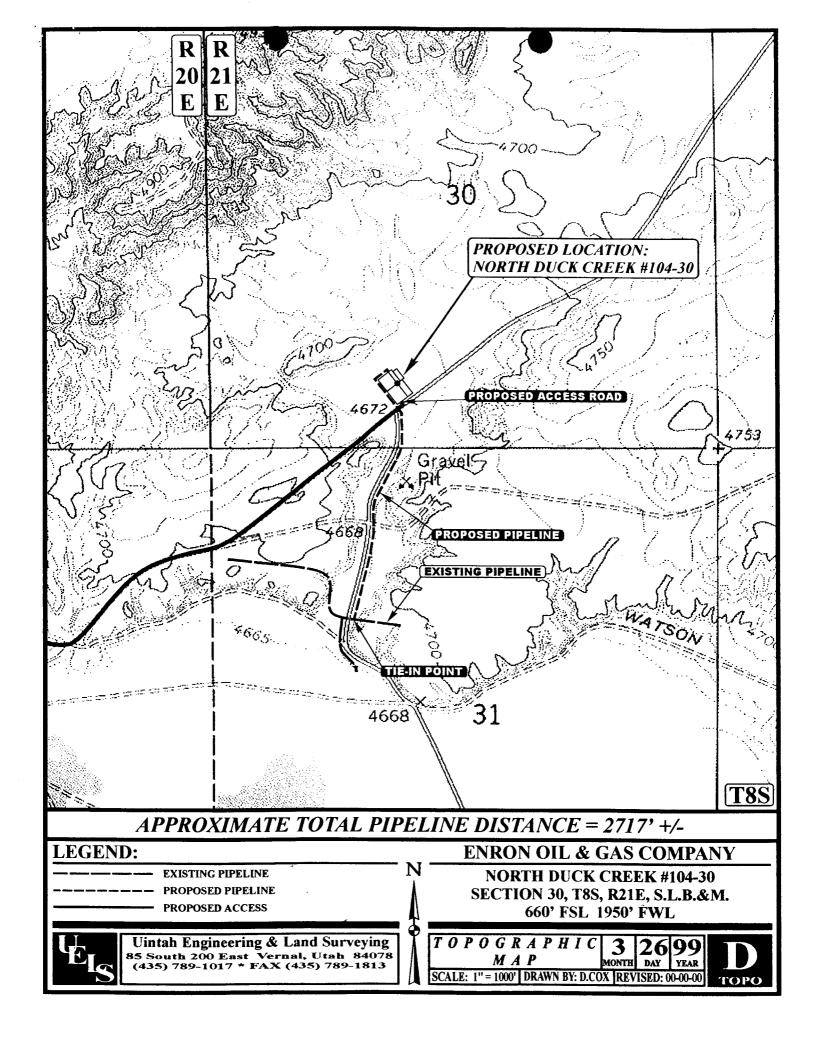












	R PERMIT TO DRILL				
APD RECEIVED: 11/05/1999	API NO. ASSIGNED: 43-047-33418				
WELL NAME: NORTH DUCK CREEK 104-30 OPERATOR: EOG RESOURCES INC (N9 CONTACT: (435) 787-4120	550)				
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
SESW 30 - T08S - R21E SURFACE: 0660-FSL-1950-FWL	TECH REVIEW Initials Date				
BOTTOM: 0660-FSL-1950-FWL UINTAH COUNTY	Engineering				
NATURAL BUTTES FIELD (630)	Geology				
LEASE TYPE: FED  LEASE NUMBER: U-24230  SURFACE OWNER: LL-Tribe	Surface				
PROPOSED FORMATION: WSTC	<u></u>				
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:				
Plat Bond: Fed [ Ind[] Sta[] Fee[]	R649-2-3. Unit				
$\frac{\sqrt{No. \frac{Nm 2308}{NO. \frac{Nm}{NO. \frac$	R649-3-2. General Siting:				
V oil Shale (Y/N) *190-5(B) Water Permit	R649-3-3. Exception				
No. Oury Brine Plant 8, 49-150]  NRDCC Review (Y/N)  (Date:	Drilling Unit  Board Cause No: 49395 173-  Eff Date: 8-1-9-9-2784  Siting: 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-				

173-le (Sec. 29) E. Cause No. 173-7 (Sec 30) were vacated from original order
173 <sub>-</sub> 1 <sup>E</sup> 173-2.
BLM aprv. 11-16-99.
STIPULATIONS:
O FEDERAL APPROVAL



Division of Oil, Gas & Mining

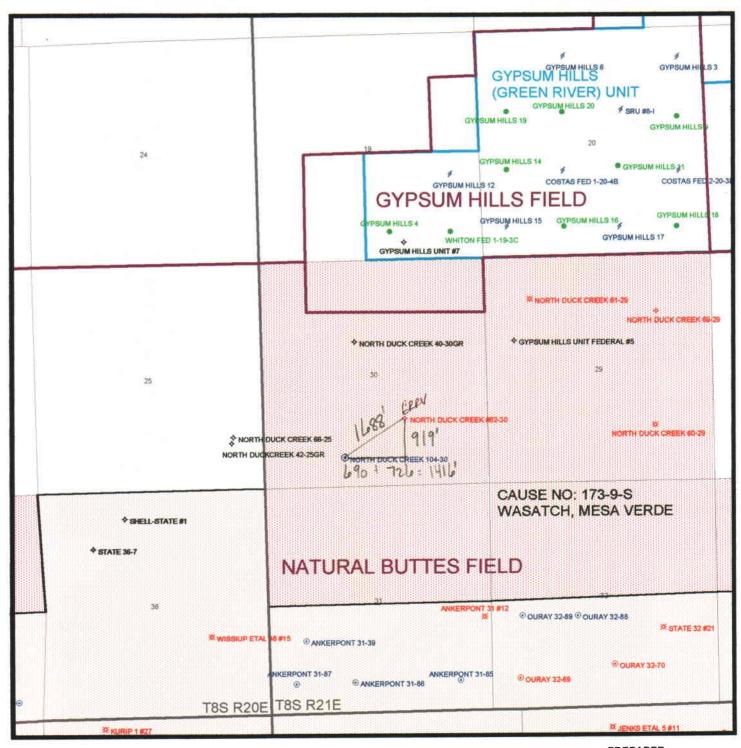
**OPERATOR: EOG RESOURCES (N9550)** 

FIELD: NATURAL BUTTES (630)

SEC. 30 TWP 8 S, RNG 21 E

COUNTY: UINTAH CAUSE NO: 173-9S WASATCH

**MESA VERDE** 



PREPARED DATE: 8-NOV-1999

4-0136 28, 1995

Form 3160-3 (July 1992)	UNITED STATES						er instructions on reverse side)	OMB NO. 1004-0136 Expires: February 28, 1995			
	Ì			OF THE INT				5. LEASE DESI U-2423		ND SERIAL NO.	
A	PPLICA			LAND MANAGEMERMIT TO DR		DEE	PEN	6. IF INDIAN,	ALLOTTER O		
1a. TYPE OF WORK	DRILL	X		DEEPEN				7. UNIT AGRE			
OIL WELL	GAS WELL	X	OTHER		SINGLE [		MULTIPLE	8. FARM OR LEAS	E NAME, WELL	NO.	
2. NAME OF OPER EOG RES		, IN	C.				·	9. AM WELL NO.			
8. ADDRESS AND THE	PHONE NO.							NORTH	DUCK	CREEK	

(435)789-0790

660' FSL & 1950' FWL SE/S	$\supset \lceil$	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA				
At proposed prod. sone	NOV 0 3 1999	ļ	Sec. 30,	T8S,R21E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PO 4.3 MILES SOUTHEAST OF OURAY, UT			12. COUNTY OR PARISH UINTAH	UTAH		
15. DISTANCE FROM PROPOSED® LOCATION TO NEAREST PROPRETY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	16. NO. OF ACRES IN LEASE 1556	TO TH	ACRES ASSIGNED IS WELL			
18. DISTANCE FROM PROPOSED LOCATION® TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 7400 '		20. ROTARY  ROTARY			
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			22. APPROX. DATE WO			

84078

4672 FEET GRADED GROUND 23. PROPOSED CASING AND CEMENTING PROGRAM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

NOVEMBER 1999

10. FIELD AND POOL, OR WILDCAT

			PROPOSED CREEKS		
	SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
_	11"	8 5/8"	24#	200-220'	100-150 SX CLASS "G" + 2%
or	12 1/4"	9 5/8"	32.30#	200-220'	CaCl <sub>2</sub> + 1/4 #/SX CELLOFLAKE.
01	7 7/8"	4 1/2"	10.50#	7400'	50/50 POZMIX + 2% GEL + 10%
1 1/0"	1 - 1/2	10.00.	18171	SALT TO 400' ABOVE ALL ZONES	
_		wing BOD.		n[N]]AL	OF INTEREST (+10% EXCESS).

SEE ATTACHMENTS FOR:

8 POINT PLAN BOP SCHEMATIC SURFACE USE AND OPERATING PLAN LOCATION PLAT

P.O. BOX 1815, VERNAL, UTAH

LOCATION LAYOUT

GAS SALES PIPELINE -- MAP "D" FACILITY DIAGRAM

UTAH DIVISION OF OIL, GAS, AND MINING

IGHT CEMENT (11 PPG\_) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS + 5% EXCESS).

TOPOGRAPHIC MAPS "A", "B", AND TOTO OF OILEGE SESSIONES, INC., WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER NATIONWIDE BOND #NM 2308

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent/data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

epen directionally, give pertinent/data on substitute recallors and measure	and the factor of the factor o	
SIGNED /Zel Nuth	TITLE AGENT	DATE 10-20-1999
(This space for Federal or State office use) NOTICE OF APPROVAL	APPROVAL DATE	TO OPERATORS COPY
PERMIT NO.		piece lease which would entitle the applicant to conduct operations thereo

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations the CONDITIONS OF APPROVAL, IF ANY:

Assistant Field Manager Mineral Resources

\*See Instructions On Reverse Side

COAs Page 1 of <u>9</u> Well No.: NORTH DUCK CREEK 104-30

## CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>EOG Resources Inc.</u>
Well Name & Number: NORTH DUCK CREEK 104-30
API Number:43-047-33418
Lease Number: <u>U - 24230</u>
Location: SESW Sec. 30 T.08S R. 21E
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of <u>9</u> Well No.: NORTH DUCK CREEK 104-30

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. <u>DRILLING PROGRAM</u>

## 1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected</u> to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

## 2. <u>Pressure Control Equipment</u>

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

## 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

COAs Page 3 of 9 Well No.: NORTH DUCK CREEK 104-30

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River formation, identified at 216 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

## 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

## .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

## 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

COAs Page 4 of <u>9</u> Well No.: NORTH DUCK CREEK 104-30

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

COAs Page 5 of <u>9</u> Well No.: NORTH DUCK CREEK 104-30

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

COAs Page 6 of 9 Well No.: NORTH DUCK CREEK 104-30

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 789-7077 Petroleum Engineer

Wayne P. Bankert (435) 789-4170 Petroleum Engineer

Jerry Kenzcka (435) 781-1190 Petroleum Engineer

BLM FAX Machine (435) 781-4410

COAs Page 7 of 9 Well No.: NORTH DUCK CREEK 104-30

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 8 of 9 Well No.: NORTH DUCK CREEK 104-30

## SURFACE CONDITIONS OF APPROVAL

The Ute Tribe Energy and Mineral Department is to be notified 48 hours in writing in advance of any construction activity. The Ute Tribal office days are Monday through Thursday. The Ute Tribe Energy and Minerals Department is to be notified in writing of any changes that are made to the original application and ROW. Approved changes will be provided in writing from the Ute Tribe. The Tribal Technician shall be notified when reserve pits are dug and prior to backfilling of reserve pits so that operations can be monitored.

Thirty foot wide Rights-Of-Way (ROWs) corridor shall be granted for the following:

Access roads which shall have constructed travel width limited to 18 feet, except as granted for sharp curves or intersections or where deep cuts are required for road construction. The new access road will be about 25 feet in length and existing roads would be upgraded to serve the production operations. Diversion ditches and Culverts will be installed or extended where required to improve the existing and proposed roads. These improvements will be made within the approved Right-of-Way.

A surface steel production flowline is planned for this project. Traffic will be restricted along the flowline right of way so that it will not be used as an access road for the well pad..

Surface pipelines will be constructed to lay on the soil surface, and the ROW for the pipeline will not be bladed or cleared of vegetation unless specific written authorization is given from the BIA and Ute Tribal Energy and Minerals Department. The line shall either be constructed on the road and then lifted from the road to its intended location paralleling the road, or it shall be welded in place at a welding station located at the wellsite or on roads near the flowline right of way and then dragged into place with a suitable piece of equipment so it will not destroy the natural vegetation. A 2717 foot long route for the flowline is indicated in the APD on Map D. The pipeline proposed for this well is parallel or shares corridors with an existing road in the area. Some of the flowline is adjacent the pad area of disturbance and the BIA calculates the distance from the edge of the pad disturbance to the tie in point as 2142 feet.

Buried flowlines shall be a minimum of three feet below the surface. After the construction of the pipeline is completed the disturbed area of the ROW shall be contoured to blend into the natural landscape, and it shall be reseeded with desirable vegetation. Between September 15 and November 1 of the year following pipeline construction of the buried line all disturbed areas shall be reseeded with perennial vegetation according to BIA, or to Ute Tribe specifications.

As necessary gravel fill will be used for production facilities and access roads. When wellsites are plugged and abandoned gravel will be recla1med according to BIA specifications.

#### COAs Page 9 of 9 Well No.: NORTH DUCK CREEK 104-30

EOG Resources will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have access permits prior to construction.

EOG employees, representatives, and subcontractors shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

EOG employees and/or authorized personnel (subcontractors) in the field will have applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

The Ute Tribe Energy & Mineral Department shall be consulted if cultural remains (including paleontology fossils) from subsurface deposits are exposed or identified during construction or if the need arises to relocate or otherwise alter the location of the construction area. Prior to commencing constructing in the area where cultural resources are exposed the operator must obtain authorization from the BIA and the Ute Tribal Department of Cultural Rights and Protection.

Before the site is abandoned, the company will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Noxious weeds will be controlled on the well site and rights-of-way. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.

Reserve pits will be lined with impervious synthetic liners. Liners will be constructed to lay under the mud tanks, and they will be reinforced to prevent the liner from developing holes where fluids flow from the mud tank into the reserve pit. Liners will be at least 10-mil thick minimum. Pits will be fenced and fences will be maintained as described in the APD. Prior to backfilling the reserve pit all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the reserve pits are backfilled the surplus oil and mud, etc will be buried a minimum of 3.0 feet below the surface of the soil.

The flare pit will be adjacent to the reserve pit.

A closed production system will be used. Production fluids will be contained in leak proof tanks. All production fluids will be disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, wellsites or other areas will not be allowed.

Upon completion of the project approved under this Application for Permit to Drill and Right-of-way, the Ute Tribe Energy & Minerals Resources Department will be notified by EOG Resources so that a Tribal Technician can verify Affidavit of Completion's.



Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

November 18, 1999

EOG Resources, Inc. P.O. Box 1815 Vernal, Utah 84078

Re: North Duck Creek 104-30 Well, 660' FSL, 1950' FWL, SE SW, Sec. 30, T. 8 S., R. 21 E.,

Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33418.

Sincerely,

Jøhn R. Baza

Associate Director

lwp

**Enclosures** 

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:		EOG Resor	urces, li	nc.					
Well Name & 1	Number: _	North Duck	Creek	104-30					_
API Number:		43-047-334	118						_
Lease:	Federal	· · · · · · · · · · · · · · · · · · ·	Surfa	ce Own	er:	Ute Tri	be		_
Location:	SE SW	·	Sec.	30	_ T	8 S.	_ R	21 E.	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

#### 3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

FORM 3160-5 (December 1989)

#### UNITEDSTATES DEPARTMENT **BUREAU OF LAND MANAGEMENT**

#### **SUNDRY NOTICE AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT --" for such proposals

5.	Lease Designation and Serial No.
	U 24230
6	If Indian, Allottee or Tribe Name

APPROVED

Expires September 30, 1990

ureau No. 1004-0135

out in a district of the distr	
SUBMIT IN TRIPLICATE	7. If Unit or C.A., Agreement Designation
1. Type of Well Oil Gas WELL X Well Other CONFIDENTIAL	8. Well Name and No.
2. Name of Operator  EOG Resources, Inc.	NORTH DUCK CREEK 104-30
3. Address and Telephone No.  P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331	9. API Well No. 43 - 047-334/8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL 1950' FWL (SE/SW)	10. Field and Pool or Exploratory Area NORTH DUCK CREEK/WASATCH
SECTION 30, T8S, R21E	11. County State UINTAH, UTAH
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DAT	A
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT  ABANDONMENT RECOMPLETION	CHANGE OF PLANS NEW CONSTRUCTION
X SUBSEQUENT REPORT PLUGGING BACK	NON-ROUTINE FRACTURING
FINAL ABANDONMENT NOTICE  CASING REPAIR ALTERING CASING X OTHER SPUD	WATER SHUT-OFF CONVERSION TO INJECTION DATE
	ole completion on Well Completions
or Recompletion Report	and Log Form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including es is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones per	

EOG Resources, Inc. spudded 18" surface hole at the subject location 1/19/2000. The contractor was Malcom's Bucket Rig. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 1/19/2000.

			RECEIVE	: <b>U</b>
			FEB 0 7 2000	
			DIVISION OF OIL, GAS AND MIN	INC
*NOTE: Enron will be using	g Nationwide Bond #NM 2308			
14. I hereby certify that the foregoing is true	and correct			
SIGNED Jay Car	TITLE Regulatory Analyst	DATE	2/03/2000	
(This space for Federal or State office use)				and the second
,				
APPROVED BY	TITLE	DATE		
CONDITIONS OF APPROVAL, IF	ANY:			
	or any person knowingly and willfully to make to any department or agency of statements or representations as to any matter within its jurisdiction.	of the		

Substitute Form 5160-4 (November 1983) (formerly 9-330)

### **UNITED STATES**

DEPARTMENT OF THE INTERIOR

#### SUBMIT IN DUPLIC (See other instructions

	JU	Nł	-11	JŁ	N
	Expire	s Augu	st 31, T	985	•
CICAGO	DESIGNATI	V21 17	115 0177	141 510	

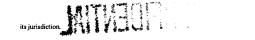
LEASE DESIGNATION	ΑN	D	SERIAI	. 1

U 24230 IF INDIAN, ALLOTTEE OR TRIBE NAME

## UTE TRIBAL LAND

BUREAU	OF	LAND	ΜΔΝΔ	GEMEN	ΙT
DOILE	OI.			CLIVILIA	} }

		В	UREAU	OF LA	AND MANA	GEM	IENT	-						
		COMPLE	TION OR	REC	OMPLETIO	N RE	EPO	RT AN	D LO	G*	8. FARM OR LEAS NORTH	ENAME I DUCK (	CREE	K
b. TYPE OF	COMPLET	ON:  WORK O		WELL	GAS WELL PLUG BACK	×	DRY DIFF.RES	ONFIDI PERI	OTHER ENTIA	\L		CREEK/	WAS	ATCH
2. NAME OF	OPERATO	r -	EOG F	esou	urces, Inc.		4	EXPI		/	SECTION	ON 30, T		21F
3. ADDRESS	OF OPER	ATOR				140/0		TO S. D Type Break Control		nace of the second	12. COUNTY OR P	ARISH		13. STATE
4. LOCATIO	N OF WELL	(Report location clear)	y and in accordance with	arry State requ			יאווואול	G 0311	<u>ت سون</u>		UINTAI		UT	
At surfac		eported below	660' FSL SAME	- 195	0' FWL (SE/S	SW)					43-047-	2 <del>4230</del> 3	341	8
At total	depth		SAME											
15. DATE SP		100	16. DATE T.D. REA		17.	DATE COM			18. ELEVAT	ACOZI IZD	T,GR,ETC.)* [19.	AC701 DD		
20. TOTAL D	1/19/20 ертн, мо		21. PLUG, BACK T.	7/2000 D., MD & TVD	<u> </u>	_	1/28/20 2. IF MULT	DU IPLE COMPLET	IONS, HOW	4687' KB	23. ROTARY TOOL	4672' PR		BLE TOOLS
	7450'	VAL(S), OF THIS COM	743		D AND TVD)*			1			ROTARY	25. WAS DIREC	TIONAL SI	RVEY MADE?
	WASA	* **	619	5' - <mark>73</mark> 0:	5'							N	O	KVET MADE:
		d other logs run .og, Collar Loc	✓Dipole So ator, GR	onic Imag	ger, Compensated	Neutro	n, GR,	Dipole So	nic Imag	er, Log Qua	ality Control &	27. WAS WELL N		
28.						С	ASING I	RECORD (R	eport all st	trings set in we	ll)			
CASING SIZE		WEIGHT, LB./FT.		DEPT	H SET (MD)		HOLE	SIZE	CEMENT	ING RECORD				AMOUNT PULLED
8-5/8"		24.0# J-5		26			2-1/4"			Class "G" c				NONE
4-1/2"		10.5# J-5	5	743	8'	+	7-7/8"		600 sx	Hi-Lift & 7	50 sx 50/50 Po	zmix.		NONE
29.			LINER REC	CORD				30.			TUBING RECO	ORD		
SIZE	то	P (MD)	BOTTOM (MD)	·	SACKS CEMENT	SCREEN	N (MD)	SIZE	O.II		DEPTH SET (MD)	·····		PACKER SET (MD)
				<u> </u>		<del> </del>		2-3/8	8"		7328'			
31. PERFORA	ATION REC	ORD (Interval, size and n	umber)		<u> </u>	<u> </u>		32.	A	CID, SHOT, F	RACTURE, CEME	NT, SQUEEZ	E, ETC.	
Wasatch		C-13	7212-18' & 7	301-05'	AI	L w/3	SPF	DEPTH INTE	RVAL (MD)		AMOUNT AND KIN	D OF MATERIAL	USED	
		C-9	6729-34', 67	16-48' &	6751-55'			7212	2-7305'	15,72	6 gals gelled w	ater & 51,4	05# 20/	/40 sand.
		C-7	6618-28'						9-6755'		8 gals gelled w			· · · · · · · · · · · · · · · · · · ·
		P-8	6196-6200' &	t 6204-1	0'				3-6628' 5-6210'		8 gals gelled w 2 gals gelled w			
								0190	5-0210	17,20	z gais gelied w	ater & 64,3	00# 20/	40 sand.
33.* DATE FIRST I	PRODUCTO	ON	IPRODUCTION MET	OD (Flowing	, gas lift, pumping-size and typ	e of nump)		PRODUCT	ION		IWEI	L STATUS (Produ	cine or shut	
3	3/28/20	00	FLO	WING							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PRODUC	-	<i>y</i>
3/30/200	0	HOURS TESTED  24	14/64	,	PROD'N FOR	l	OIL BBL. BC		916 MC			WATER-BB 22 BW		GAS-OIL RATIO
LOW. TUBIN FTP 114		CP 123	PRESSURE 30 psig	C	ALCULATEED	3	OIL-BE BC	1	GAS- 916 MC		WATER-BBL	22 BW	OIL GRA	VITY-API (CORR.)
4. DISPOSITI	ON OF GAS	(Sold, used for fuel, ver	nted, etc.)						- 10 1/10		TEST WITNESSED F			
3. LIST OF A	TTACHME	SOLD									JAY ORR			
6. Thereby cer	tify that the	foregoing and attached in	formation is complete a	d	etermined from all available rec	ords.								
SIGNED		John	Carl	la	/			TITLE	-	Regulatory	Analyst	I	DATE	3/31/2000





General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions litem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this will is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**PRIVACY ACT** 

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by tis application. AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The traview of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions. EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of lite information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and indian oil and gas leases. This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for. Response to this request is mandatory once an oil or gas well is drilled.

MMARY OF POROUS ZONES: (Show all important zones of porosity I contents thereof; cored intervals; and all drill-stem tests, including depth crval tested, cushion used, time tool open, flowing and shut-in pressures,		d shut-in pressures	38.	38. GEOLOGIC MARKERS					
nd recoveries):					TOP				
ORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH			
				Caran Diagram	22051				
				Green River Base "M" Marker	2305' 5400'				
				"N" Ls	5560'				
				Wasatch	3300				
				Peter's Point	5816'				
				P-1	5892'				
				P-6	6064'				
				P-8	6195'				
				Chapita Wells	6539'				
				C-7	6610'				
				C-9	6745'				
				· C-11 ·	6875	·			
				C-13	7109'				
				Buck Canyon	7358'				
	1								
						,			
			COCUCE						
			ECEIVED		· ·				
			APR 0 3 2000						
			DIVIDION						
			DIVISION OF						
			L, GAS AND MINING						

(3/89)

STATE OF UTAH DIVISION OF OIL, GAS AND MINING OPERATOR: EOG Resources, Inc.

ADDRESS: P.O. BOX 250

BIG PINEY, WYOMING 83113

				WELL NAME		LOCAT	ION			SPUD	EFFECTIVE DATE
CTION	CURRENT	NEW	API	<b>VIII</b>	QQ	SEC.	TP	RG	COUNTY	UATE	DAIL
ODE	ENTITY NO.	ENTITY NO.	NUMBER	100.07	SWNW	27	85	21E	UINTAH	12/19/99	
A	599999 5000	12080	43-047-33435 1+1+1 add	N. DUCK CREEK 103-27	Jovanna				CUN	FIDEN	TIAL
COMINE	EINTO. DOC		, , ,	•					0011	1 10-11	
	T	1,0,00		104.20	SESW	30	85	21E	UINTAH	01/19/00	,
A COMM	599999 ENTS: DD	0215 1	143-047-334/8 untity add	N. DUCK CREEK 104-30	102011		<u> </u>		CO	NFIDE	NTIAL
					- I GENNA	35	108	19E	UINTAH	01/14/0	0
A 3 COM	599999 MENTS: 0	12688	43-047-33420 entity ad	WILDHORSE FED. 106-35	SENW	1 30	1.00	100		FIDEN	FIAL
					NWNE	34	105	196	UINTAL	01/17/0	00
A 4 COM	599999 MENTS: 0	1208	1/43-047-33419 Intity add	WILDHORSE FED 105-34	INAMA	- 1 - 5-	1.0	C	ONFID	ENTIA	L
I			<u> </u>			<u> </u>		T			
5 COM	MENTS:										
Ì			on back of form)						Kalu	Carl	l &

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (explain in comments section)

Regulatory Analyst

2/15/2000

Date

OPERATOR ACCT. NO. N 9550

FORM 3160-5 (December 1989)

## UNITED STATES DEPARTMENT THE INTERIOR BUREAU OF LAND MANAGEMENT

		5. Lease Designation and Serial No.
SUNDRY NOTICE AN	D REPORTS ON WELLS	U 24230
Do not use this form for proposals to drill or to deep	en or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FOR PERMIT -		
SUBMIT IN	TRIPLICATE	7. If Unit or C.A., Agreement Designation
1. Type of Well		
Oil Gas	CONCIDENTIAL	
WELL X Well	Other CONFIDENTIAL	8. Well Name and No.
2. Name of Operator		NORTH DUCK CREEK 104-30
EOG Resources, Inc.		
3. Address and Telephone No.		9. API Well No.
P.O. BOX 250, BIG PINEY, WY 83113	(307) 276-3331	43-047-33418
4. Location of Well (Footage, Sec., T., R., M., or Survey Des	cription)	10. Field and Pool or Exploratory Area
660' FSL 1950' FWL (SE/SW)		NORTH DUCK CREEK/WASATCH
SECTION 30, T8S, R21E		11. County State
		UINTAH, UTAH
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATU	RE OF NOTICE, REPORT, OR OTHER DATA	WARRANCE TO THE TOTAL CONTROL OF THE TOTAL CONTROL
TYPE OF SUBMISSION	TYPE OF ACTION	
E NORWER OF ANTONYO	] .p.syposyment	CHANGE OF MANO
X NOTICE OF INTENT	ABANDONMENT RECOMPLETION	CHANGE OF PLANS NEW CONSTRUCTION
SUBSEQUENT REPORT	PLUGGING BACK	NON-ROUTINE FRACTURING
SUBSEQUENT REPORT	CASING REPAIR	WATER SHUT-OFF
FINAL ABANDONMENT NOTICE	ALTERING CASING	CONVERSION TO INJECTION
TINAL ABANDONMENT NOTICE	┥ —	AL OF PRODUCED WATER
	(Note: Report results of multiple	
	or Recompletion Report and	•

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company requests authorization for disposal of produced water from the referenced well to any of the following locations:

- 1. Ace Disposal
- 2. Enron Oil & Gas Company drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit)
- 3. Water will be contained in tanks on location until moved to one of the above facilities.

## RECEIVED

FORM APPROVED

ureau No. 1004-0135

APR 0 3 2000

DIVISION OF OIL, GAS AND MINING

14. I hereby certify that the foregoing is frue:	and confect		
signed Jaly Ca	TITLE Regulatory Analyst	DATE 3/31/2000	
(This space for Federal or State office use)			
APPROVED BY	TITLE	DATE	
CONDITIONS OF APPROVAL, IF	FANY:		

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5.	Lease Serial	No.
	11 24230	

6.	If Indian, Allottee or Tribe Nam

abandoned well. Use form 3160-3 (APD) for such proposals.				6. If Indian, Allottee of UTE TRIBAL LA		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agree	ement, Name and/or No.	
1. Type of Well ☐ Oil Well ☑ Gas Well ☐ Other				8. Well Name and No. NORTH DUCK CI	REEK 104-30	
2. Name of Operator EOG RESOURCES, INC.		KATY CARL E-Mail: Kathle	SON en_Carlson@EO0	GResources.co	9. API Well No. m 43-047-33418	
3a. Address P.O. BOX 250 BIG PINEY, WY 83113		Phone No. (include area code) 10. Field and Pool, or Exploratory DUCK CREEK/WASATCH				
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish,	and State
Sec 30 T8S R21E SESW 660FSL 1950FWL					UINTAH COUNTY, UT	
12. CHECK APPR	ROPRIATE BOX(ES) TO	O INDICATI	E NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
Notice of Intent     ■     Notice of Intent     Notice of	☐ Acidize	☐ Dec	epen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Fra	cture Treat	□ Reclama	ation	■ Well Integrity
☐ Subsequent Report	□ Casing Repair	□ Ne	w Construction	Recomp	olete	☐ Other
☐ Final Abandonment Notice	Change Plans	🗖 Plu	g and Abandon	☐ Tempor	arily Abandon	
	☐ Convert to Injection	🗖 Plu	g Back	■ Water D	Disposal	
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  EOG Resources, Inc. proposes to complete additional intervals in the Wasatch formation as follows:  1. Perforate Peter's Point P6 (Pc) from 6059-61' & 6066-76'. Fracture stimulate w/360 bbls gelled water & 62,000# 20/40 sand.  2. Place well on production.  RECEIVED  FEB 2 1 2003  COPY SENT TO OPERATOR  DIV. OF OIL, GAS & MINING  14. Thereby certify that the foregoing is true and correct.				IVED		
Name (Printed/Typed) KATY CAF	Electronic Submission # For EOG RES		., will be sent to		•	
Nume (Franca Typea) TOATT GAI	/. A	1.	THE KEGOL	-ATORT AN	AL 131	
Signature (Electronic Submission) Tale (2) 18/2003						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved By			Title		Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  Office						
Fitle 18 U.S.C. Section 1001 and Title 43 I States any false, figurition of fractilents	tatements or representations as	to any matter w	ithin its jurisdiction	•	-	agency of the United
Utah Division of DRAFT **						

Federal Approval Of This Action Is Necessary

Form 3160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

Expires: 110 tember 50, 2000	
5. Lease Serial No. U 24230	
6. If Indian, Allottee or Tribe Name	

□ Water Shut-Off

□ Well Integrity

abandoned well. Use form 3160-3 (Al	UTE TRIBAL LAND		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.		7. If Unit or CA/Agreement, Name and/or No.	
Type of Well		8. Well Name and No. NORTH DUCK CREEK 104-30	
2. Name of Operator Contact: EOG RESOURCES, INC.	KATY CARLSON E-Mail: Kathleen_Carlson@EOGResources.co	9. API Well No. m 43-047-33418	
3a. Address P.O. BOX 250 BIG PINEY, WY 83113	3b. Phone No. (include area code) Ph: 307.276.4842	10. Field and Pool, or Exploratory NORTH DUCK CREEK/WASATCH	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	on)	11. County or Parish, and State	
Sec 30 T8S R21E SESW 660FSL 1950FWL		UINTAH COUNTY, UT	
12. CHECK APPROPRIATE BOX(ES) T	O INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA	

TYPE OF ACTION

☐ Production (Start/Resume)

□ Reclamation

Subsequent Report

Casing Repair

New Construction

Recomplete

Other

Final Abandonment Notice

Change Plans

Plug and Abandon

Temporarily Abandon

Temporarily Abandon

Temporarily Abandon

Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

□ Deepen

☐ Fracture Treat

EOG Resources, Inc. recompleted additional pay in the Wasatch formation of the subject well as follows:

- 1. Perforated P6 Pc from 6059-61' & 6066-76'. Fracture stimulated w/14,544 gals gelled water &
- 63,260# 20/40 sand.

TYPE OF SUBMISSION

□ Notice of Intent

2. Returned well to production 10/04/2003.

determined that the site is ready for final inspection.)

TEST: 10/09/2003, 10 MCFD, 0 BF in 24 hours, TP & CP 750 psig.

☐ Acidize

☐ Alter Casing

14. I hereby certify that th	ne foregoing is true and correct. Electronic Submission #25052 verified For EOG RESOURCES,	l by the INC., s	BLM Well Information System ent to the Vernal	
Name (Printed/Typed)	KATY CARLSON	Title	REGULATORY ANALYST	
Signature	(Electronic Submission)	Date	11/13/2003	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved By		Tit	le	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Of	lice	
T:1 1011 0 C C : 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			C.1 77 1

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORI